

FIGURE 1

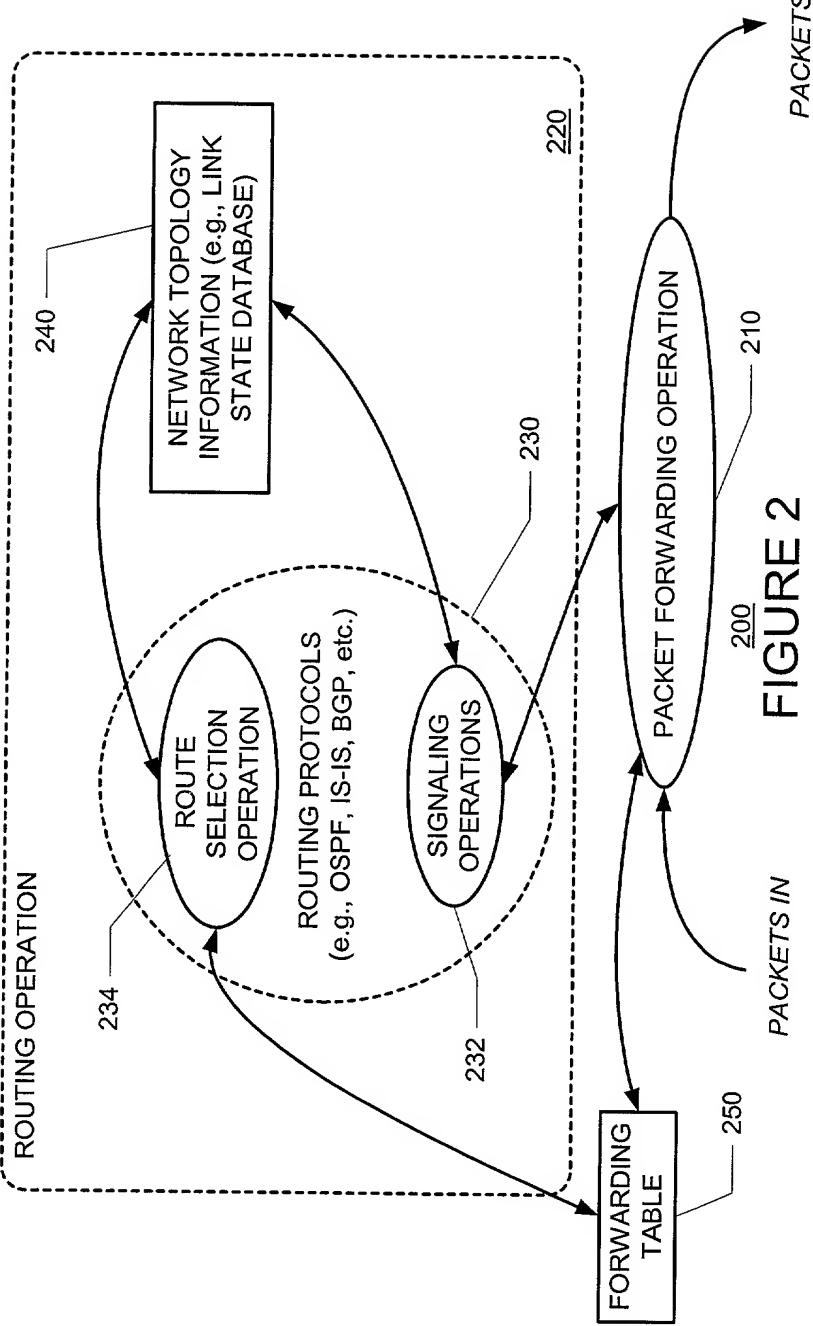


FIGURE 2

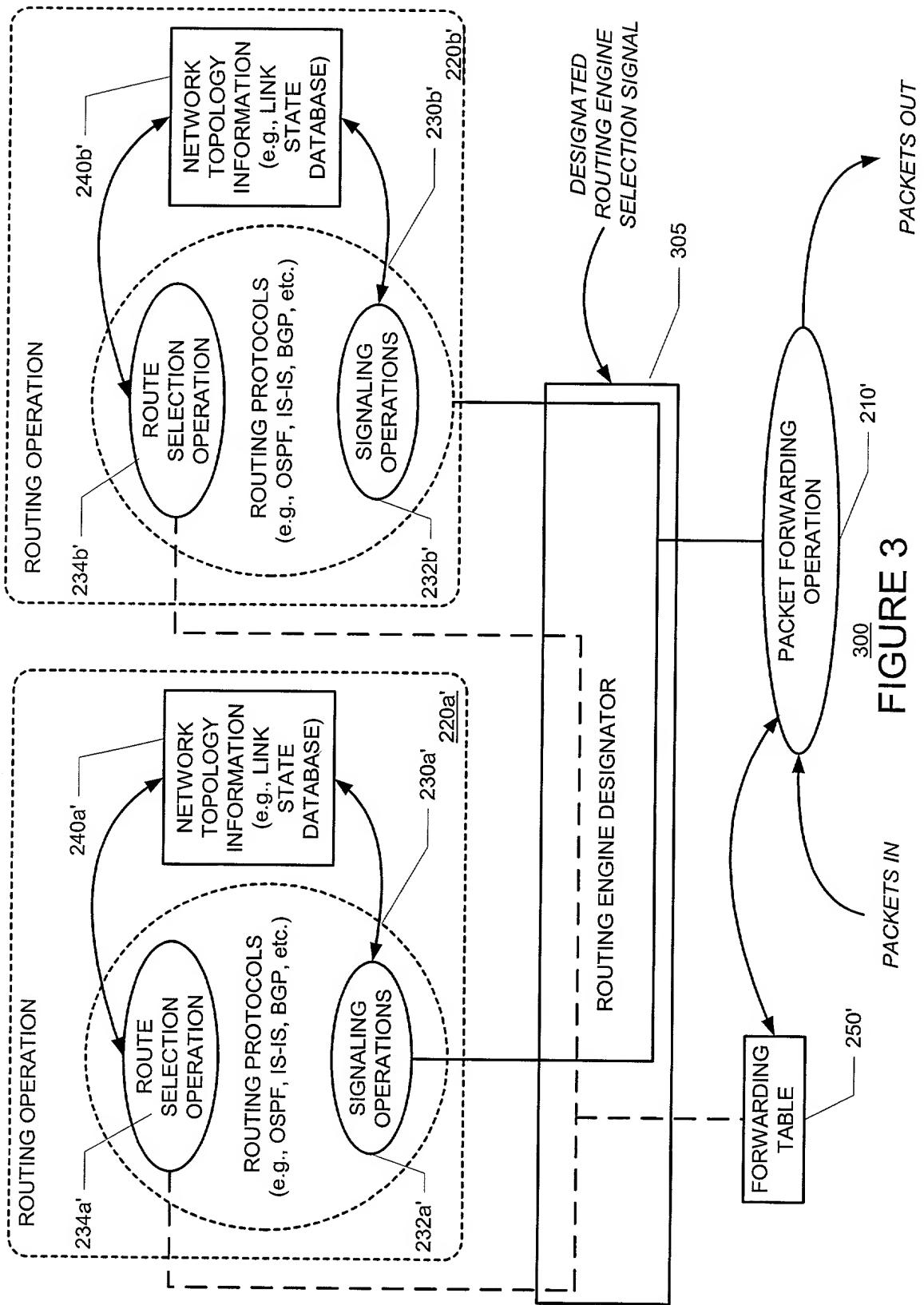


FIGURE 3

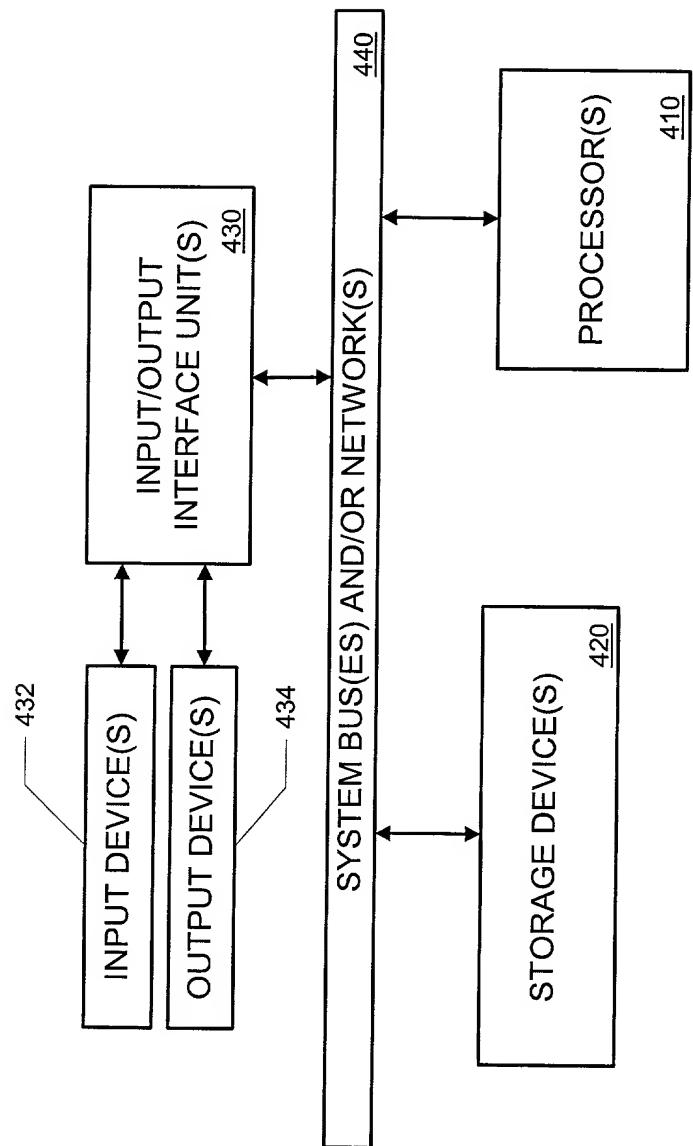


FIGURE 4

400

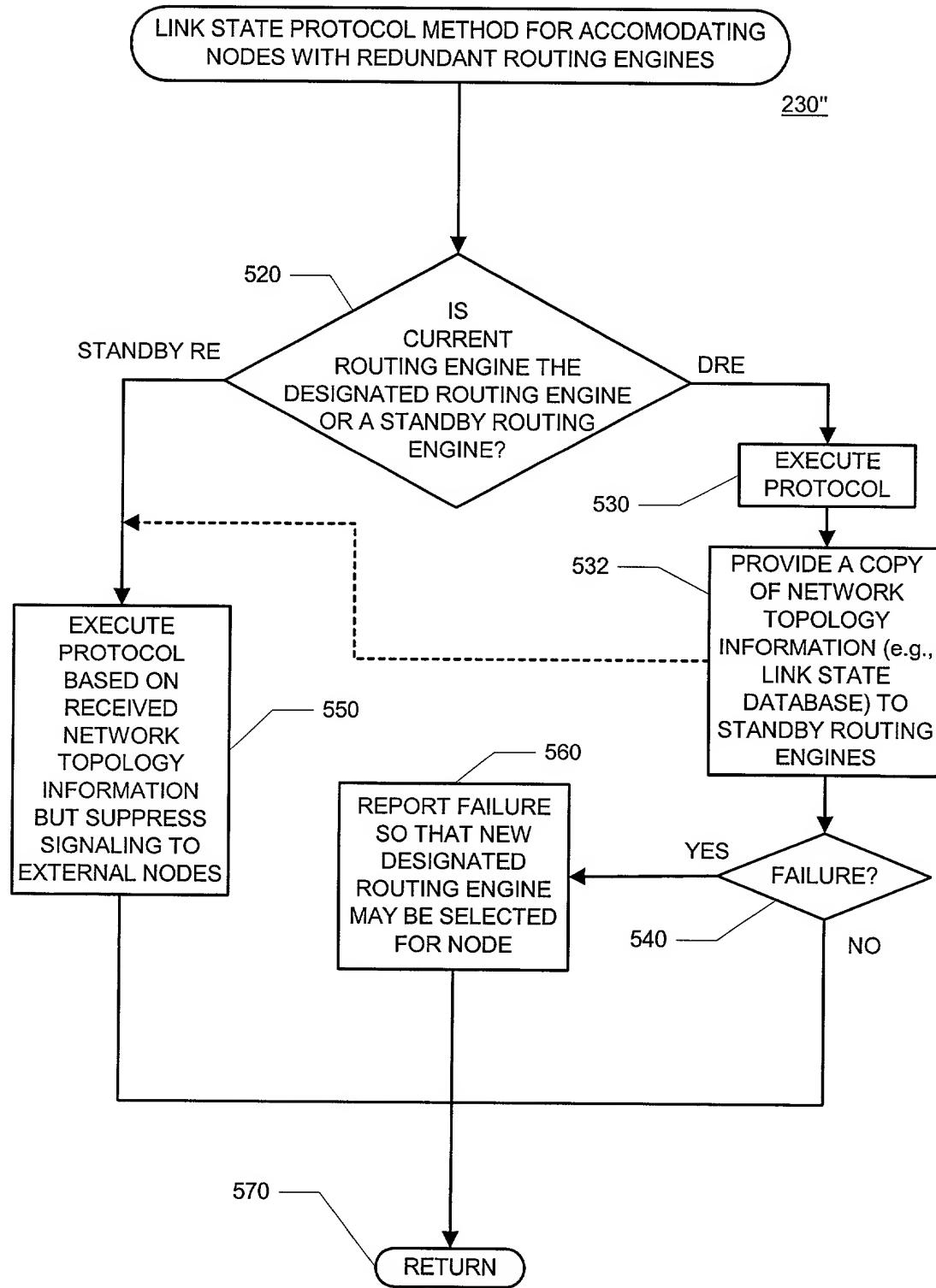


FIGURE 5

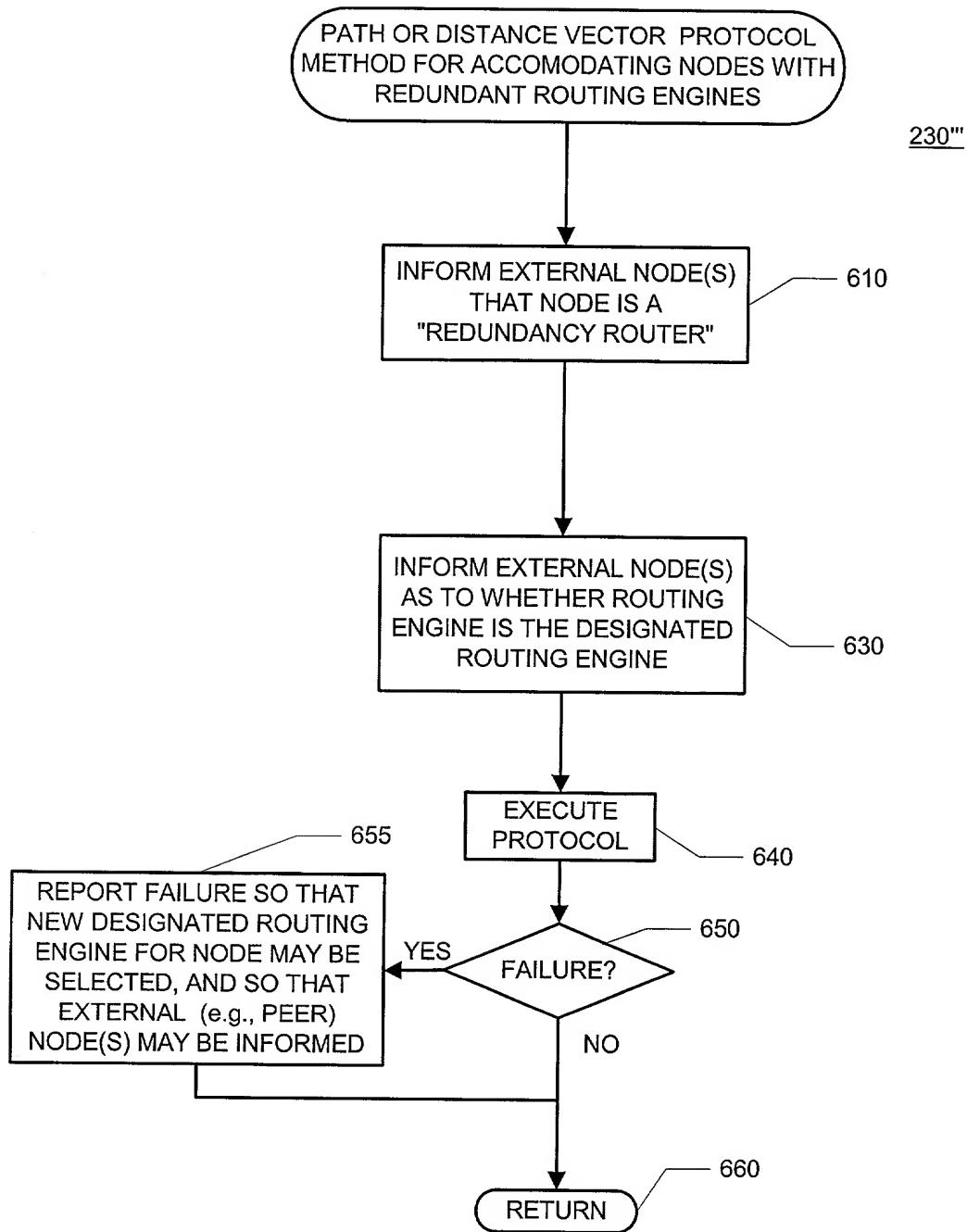


FIGURE 6

PATH OR DISTANCE VECTOR PROTOCOL METHOD FOR ACCOMODATING NODES WITH REDUNDANT ROUTING ENGINES

230'''

ACCEPT MESSAGE(S) CONVEYING THAT A NODE IS A "REDUNDANCY ROUTER", THAT A GIVEN ROUTING ENGINE OF THE NODE (WITH A UNIQUE IP ADDRESS) IS THE DESIGNATED ROUTING ENGINE

710

720
NEW
DESIGNATED ROUTING
ENGINE?
NO

725
YES
UPDATE ROUTING
INFORMATION DATABASE
("RIB") TO (i) REJECT
PATHS LEARNED FROM
FORMER DESIGNATED
ROUTING ENGINE, AND (ii)
ACCEPT PATHS LEARNED
FROM THE NEW
DESIGNATED ROUTING
ENGINE

730
ACCEPT SIGNALING FROM ROUTING ENGINES
OF A REDUNDANCY ROUTER NODE

740
IS THE
ACCEPTED
SIGNALING FROM THE DESIGNATED
ROUTING ENGINE OR A STANDBY
ROUTING ENGINE?
STANDBY RE
DRE

REJECT
PATHS

ACCEPT
PATHS

770
RETURN

FIGURE 7

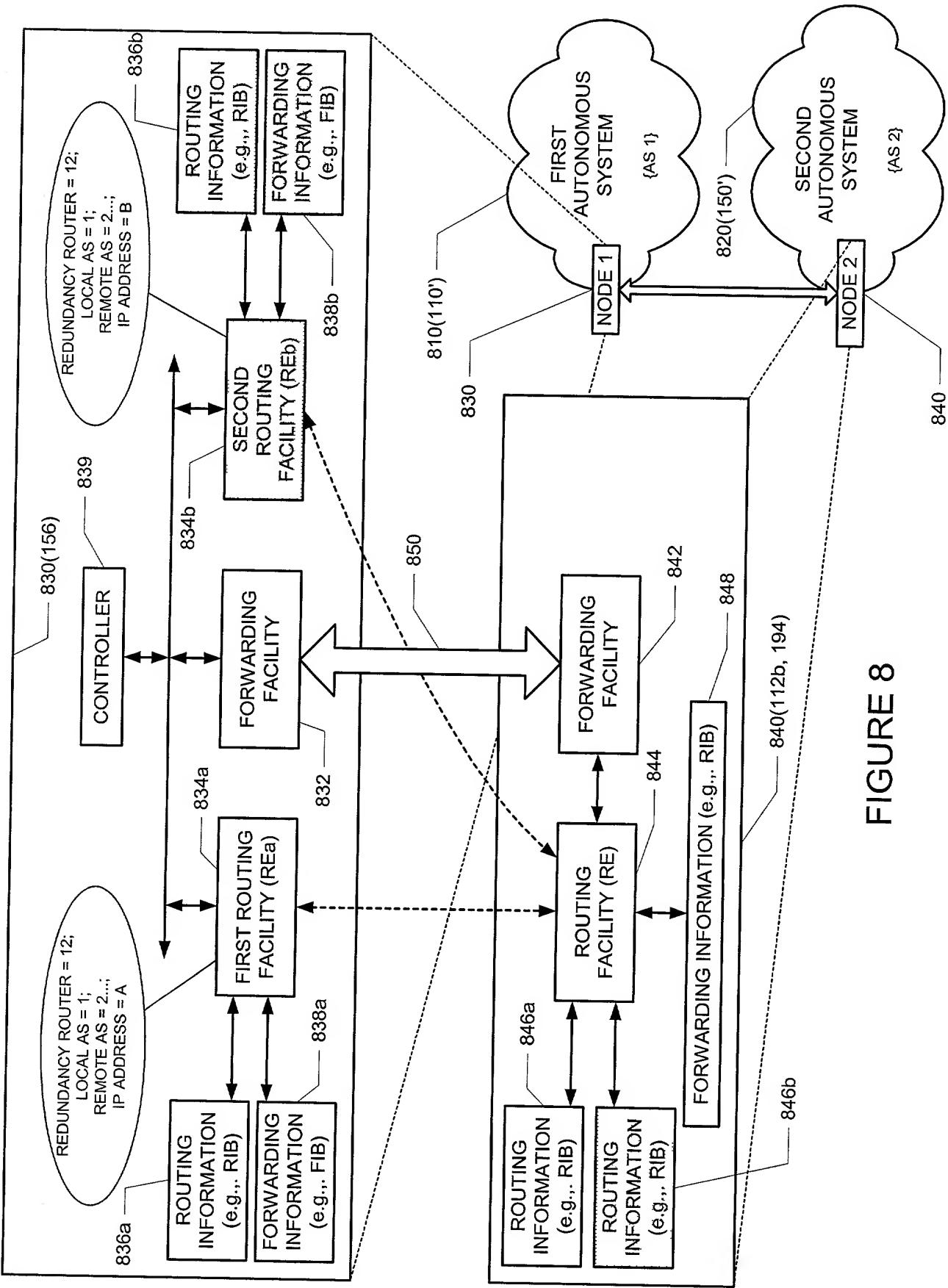


FIGURE 8

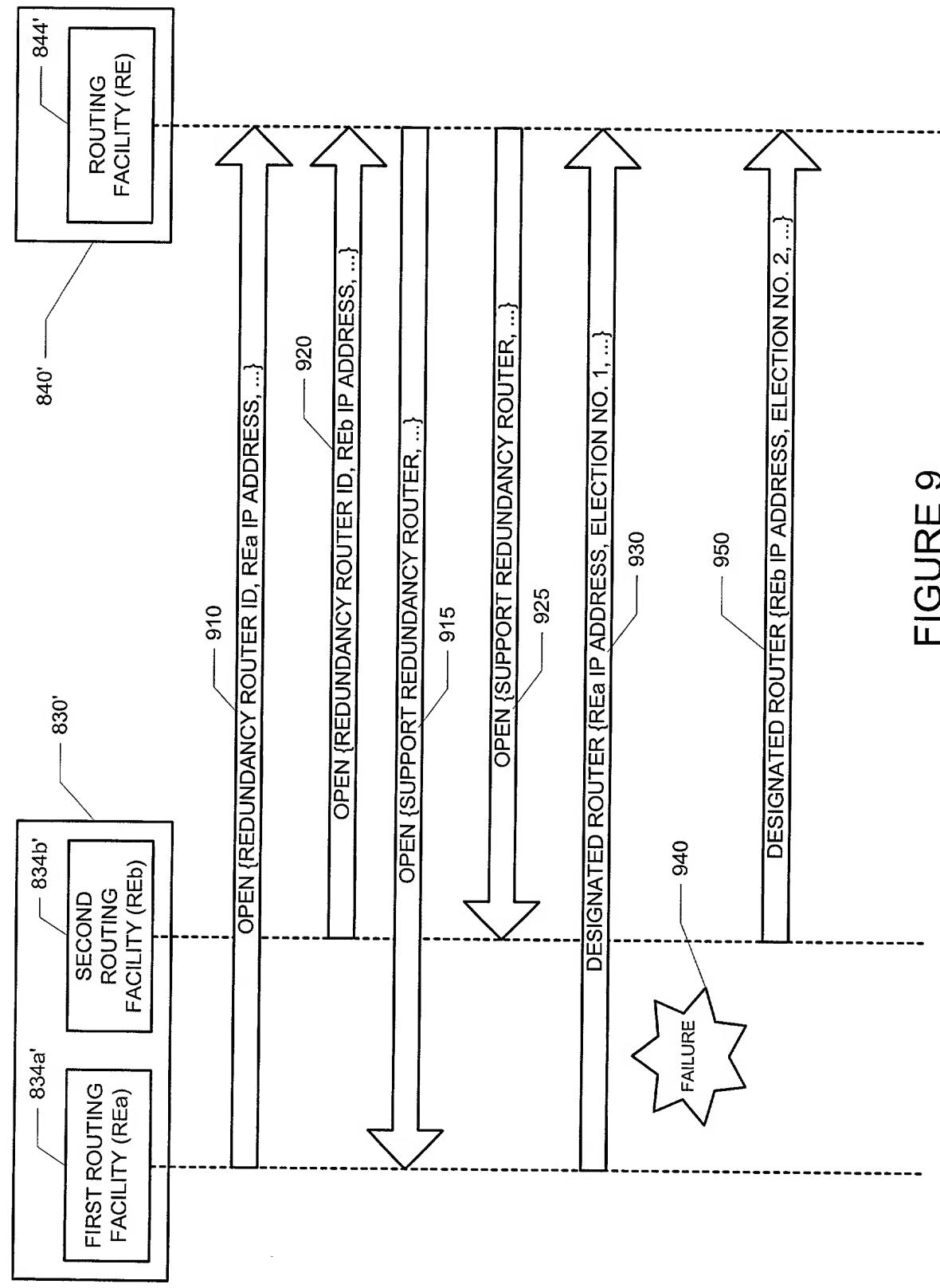


FIGURE 9

FIGURE 10

